Bruhat Bengaluru Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st &FINAL E-BILL

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

JOB CODE NO:-005-23-000004

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st &FINAL E-BILL

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Measurements Taken On:- 22/03/2023

S. No	Description of work	Unit	No.	Measurements L	B	D	Qty	Rate	Amount
1	Earth Work Excavation by manual means for drains,canals,waste weir,draft,approach channels,key trenches,foundation of bridges and such similar works in all kinds of soils,as perdrawingandtechnicalspecifications,includingsettingout,shoring,strutting,barricading,cautionlights,removal of stumps and other deleterious matter,excavated surface levelled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radious of 50 m and lift up to 1.5 m including cost of labour,tools & other appurttenaces required to complete the work.Depth exceeding 1.5m,but not exceeding 3 m.								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						323.94		
	Page-1						323.94	275.00	89085.00
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation.The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevent IS Codes machine mixed,laid in layers not exceeding 150mm thickness,well compacted using plate vibrators,including all lead & lifts.cost of all materials of quality,labour,usage charges of machineries,curing,and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						165.26		
	Page-2						165.26	4826.00	797556.00
3	Providing Size Stone masanry with hard stone in foundation & plinth with cement mortor 1:6 (1 cement 6 coarse sand)								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						27.03		
	Page-3						27.03	4711.00	127324.00
4	Supplying,Fitting and placing un-coated TMT bar Reinforcement in sub-structure complete as per drawing and technical specifications.								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						0.27		
	Page-4						0.27	81000.00	22155.00
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building,Irrigation works,Sub structure works of bridges,Drain works & other parallel works from 0.50m to 3.50 m height.The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers,laid in layers,well compacted using needle vibrators,providing weep holes wherever necesary,including all lead & lifts,cost of all materials of quality,confirming to the requirements of relevant IS codes,labour,Usage charges of machinery,curing and all other appurtenances required to complete the work as per technical specifications.(The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20mm nominal size graded crushed coarse aggregates.								
	DWCC:- Compound Wall	Cum							
	Plinth Concrete		1	22.80	0.45	0.10	1.03		
			1	23.00	0.45	0.10	1.04		
			1	4.50	0.45	0.10	0.20		
							2.26	5767.00	13053.60

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

6	Providing and laying in position plain cement concrete for levelling course for all works in foundation The granite/rap/basalt crushed graded coarse aggregates and fine aggregates as per relevent IS Codes machine mixed,laid in layers not exceeding 150mm thickness,well compacted using plate vibrators,including all lead & lifts cost of all materials of quality,labour,usage charges of machineries,curing,and all the other appurtenances required to complete the work as per technical specifications Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates Specifications.									
	DWCC:- Compound Wall	Cum								
	Coping Concrete		1	22.80	0.45	0.10	1.03			
			1	23.00	0.45	0.10	1.04			
			1	4.50	0.45	0.10	0.20			
							2.26	5978.00	13531.20	
7	Providing flush/Ruled pointing Pointing on stone masonry with cement mortor 1:3 (1 cement :3 fine sand) after raking joints to depth nicely lining including cleaning of surface, labour curing as per specifications and as per directions of engineer in charge.									
	DWCC:- Compound Wall	Sqm								
	Coping Concrete		2	22.80		0.50	22.80			
			2	23.00		0.50	23.00			
			2	4.50		0.50	4.50			
							50.30	173.00	8701.90	
8	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.0 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572 2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.									
	DWCC:- Compound Wall	Cum	1	22.80		1.80	41.04			
	Columns		6	0.20		1.80	2.16			
			1	23.00		1.80	41.40			
	Columns		6	0.20		1.80	2.16			
	Damaged wall		2	5.40		1.80	19.44			
							106.20	922.00	97916.40	
9	Providing 18 mm cement plaster in two coats under layer 12mm thick cement plaster with cement mortor 1:5 (1 cement: 5 fine sand) finished with a top layer 6mm thick cement plaster with cement mortor 1:6 (1cement :6 fine sand) to brick masanry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.									
	DWCC:- Compound Wall	Sqm	2	22.80		1.80	82.08			
	Columns		12	0.20		1.80	4.32			
			2	23.00		1.80	82.80			
	Columns		12	0.20		1.80	4.32			
	Damaged wall		2	6.30		1.80	22.68			
							196.20	267.00	52385.40	
10	Providing white washing with lime to give an even shade new work (three coats) with lime of approved quality,including cost of materials labour complete as per specifications and as per directions of engineer in charge.									
	DWCC:- Compound Wall	Sqm	2	22.80		1.80	82.08			
	Columns		12	0.20		1.80	4.32			
			2	23.00		1.80	82.80			
	Columns		12	0.20		1.80	4.32			
	Damaged wall		2	6.30		1.80	22.68			
							196.20	16.50	3237.30	
11	Finishing walls with water proofing cement paint of required shade New work (Two coat applied @ 4.84 kg/10 m to give an even shade after thoroughly brooming the surface to remove all dirt,dust,mortor drops and foreign matter including preparing the surface even and sand paper smooth,cost of materials,labour complete as per specifications and as per directions of engineer-in-charge.									
	DWCC:- Compound Wall	Sqm	2	22.80		1.80	82.08			
	Columns		12	0.20		1.80	4.32			
			2	23.00		1.80	82.80			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,

	Columns		12	0.20		1.80	4.32		
	Damaged wall		2	6.30		1.80	22.68		
							196.20	57.00	11183.40
12	Earth Work in surface Excavation by mechanical means for all kinds of soil for isolated RCC column footings or pile cap or raft or any other foundation in all kinds of soils & upto depth not exceeding 300mm as per drawings and specifications including setting out,shoring strutting barricading caution signs,removing water or other deleterious matter inluding dressing of excavated surfaces disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radious of 50 m and lift up to 1.5 m including cost of labour,tools & other appurtenaces required to complete the work.								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						235.36		
	Page-5						235.36	57.00	13416.00
13	Providing and constructing un-reinforced plain cement concrete Pavement thickness as per design,over a prepared sub base,with 43 grade cement or any other type as per clause 1501 2 2 M30 (Grade) coarse and fine aggregates confirming to IS:383,Maximum size of coarse aggregates not exceeding 25mm,mixed in a concrete mixer of not less than 0 2cum capacity and appropriate weigh batcher using approved mix design etc as per specifications								
	CC Road:- R/Side	Cum	1	15.60	10.60	0.15	24.80		
			1	3.60	1.30	0.15	0.70		
			1	14.30	(4.50+4.40)	0.15	9.55		
					2				
			1	8.10	(4.30+4.10)	0.15	5.10		
					2				
			1	10.00	(6.20+5.60)	0.15	8.85		
					2				
	Front		1	14.30	15.10	0.15	32.39		
	L/Side		1	15.60	10.60	0.15	24.80		
			1	3.70	0.50	0.15	0.28		
			1	14.60	(3.80+4.10)	0.15	8.65		
					2				
			1	8.30	2.70	0.15	3.36		
			1	2.20	0.65	0.15	0.21		
			1	8.80	(0.95+1.25)	0.15	1.45		
					2				
	Hanumappa Layout Cross Road		1	3.00	1.95	0.12	3.51		
							123.66		
	(-)Deductions for Columns		2	0.60	0.50	0.15	0.08		
							0.08		
							123.59	5660.00	699512.33
14	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t km								
	Quantity Vide Item No-01	T Km	1	323.94	1.28		414.65		
	Quantity Vide Item No-12		1	235.36	1.28		301.26		
							715.91	78.86	56456.69
								Total RS	2005514.23
							Add 18% Of GST Rs		360992.56
							Grand Total Rs		2366506.79

Executive Engineer
Yelahanka Division
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
BANGALORE - 560064

CERTIFICATE:

1) Certified that the above work done is satisfactory completed
2) Certified that the there is no debries have been cleared to site.

Assistant Engineer
Ward No-03

Executive Engineer
Yelahanka Division
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
BANGALORE - 560064

Bruhat Bengaluru
Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

PRE-MEASUREMENTS

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

JOB CODE NO:-005-23-000004

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Pre-Measurements Taken On:- 6/01/2023

S. No	Description of work	Unit	No.	Measurements L	B	D	Qty	Remarks
1	Earth Work Excavation by manual means for drains,canals,waste weir,draft,approach channels,key trenches,foundation of bridges and such similar works in all kinds of soils,as perdrawingandtechnicalspecifications.includingsettingout.shoring.strutting.barricading.cautionlights.removal of stumps and other deleterious matter,excavated surface levelled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radious of 50 m and lift up to 1.5 m including cost of labour,tools & other appurttenaces required to complete the work Depth exceeding 1.5m but not exceeding 3 m.							
	DWCC:- Compound Wall	Cum						
	Foundation -R/Side		1	22.80	0.80	0.80	14.59	
	L/Side		1	23.00	0.80	0.80	14.72	
	Damaged Wall		1	4.50	0.80	0.80	2.88	
	For Columns		6	0.45	0.80	0.80	1.73	
			6	0.45	0.80	0.80	1.73	
	Debries		6	9.10	6.00	0.90	294.84	
							330.49	
	(-)Deductions for Columns		6	0.80	0.80		3.07	
			6	0.80	0.80		3.07	
			2	0.50	0.50	0.80	0.40	
							6.54	
							323.94	

Assistant Engineer
Ward No-05

Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Pre-Measurements Taken On:- 12/01/2023

S. No	Description of work	Unit	No.	Measurements L	B	D	Qty	Remarks
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation.The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevent IS Codes machine mixed,laid in layers not exceeding 150mm thickness,well compacted using plate vibrators,including all lead & lifts cost of all materials of quality,labour,usage charges of machineries,curing,and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3 6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.							
	DWCC:- Compound Wall	cum						
	Foundation		1	22.80	0.80	0.20	3.65	
			1	23.00	0.80	0.20	3.68	
			1	4.50	0.80	0.20	0.72	
	For Columns		6	0.45	0.80	0.20	0.43	
			6	0.45	0.80	0.20	0.43	
	CC Road:- R/Side		1	15.60	10.60	0.20	33.07	
			1	3.60	1.30	0.15	0.70	
			1	14.30	(4.50+4.40)	0.15	9.55	
					2			
			1	8.10	(4.30+4.10)	0.15	5.10	
					2			
			1	10.00	(6.20+5.60)	0.15	8.85	
					2			
	Front		1	14.30	15.10	0.20	43.19	
	L/Side		1	15.60	10.60	0.20	33.07	
			1	3.70	0.50	0.15	0.28	
			1	14.60	(3.80+4.10)	0.15	8.65	
					2			
			1	8.30	2.70	0.15	3.36	
			1	2.20	0.65	0.15	0.21	
			1	8.80	(0.95+1.25)	0.15	1.45	
					2			
	Drain Vent portion		1	30.00	0.60	0.15	2.70	
			1	30.00	0.60	0.15	2.70	
	Hanumappa Layout Cross Road		1	15.00	1.70	0.20	5.10	
							166.90	
	(-)Deductions for Columns		6	0.80	0.80	0.20	0.77	
			6	0.80	0.80	0.20	0.77	
			2	0.50	0.50	0.20	0.10	
							1.64	
							165.26	4826.00

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Subdivision New Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st &FINAL E-BILL

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Pre-Measurements Taken On:- 16/01/2023

S. No	Description of work	Unit	No.	Measurements			Qty	Remarks
				L	B	D		
3	Providing Size Stone masanry with hard stone in foundation & plinth with cement mortor 1:6 (1 cement:6 coarse sand)							
	DWCC:- Compound Wall	cum						
	1st step for Foundation		1	22.80	0.60	0.60	8.21	
			1	23.00	0.60	0.60	8.28	
			1	4.50	0.60	0.55	1.49	
	2nd step for Foundation		1	22.80	0.45	0.40	4.10	
			1	23.00	0.45	0.40	4.14	
			1	4.50	0.45	0.40	0.81	
							27.03	

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st &FINAL E-BILL

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Pre-Measurements Taken On:- 17/01/2023

S. No	Description of work	Unit	No.	Measurements			Qty	Remarks
				L	B	D		
4	Supplying,Fitting and placing un-coated TMT bar Reinforcement in sub-structure complete as per drawing and technical specifications.							
	DWCC:- Compound Wall	Tonne						
	Plinth Concrete							
	Main Rods:-20mm Dia(0.15c/c)							
		1	4	23.00	92.00			
		1	4	23.20	92.80			
					184.80	0.89	164.47	
	Stirrupps 8mm Dia(0.20c/c)	1	116	1.20	139.20			
		1	117	1.20	140.40			
					279.60	0.39	109.04	
							273.52	
							0.27	

Assistant Engineer
Ward No-05

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನೂತನನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಹಂತ ಉಪನಗರ ಉಪವಿಭಾ
ಬೆಂಗಳೂರು-10

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st &FINAL E-BILL

NAME OF WORK:- Construction of compound wall and flagging concrete to DWCC near Allalasandra lake in ward no:05 Yelahanka New Town Sub Division.

Agency:-SRI.NAGESH.M, No.E-27, Horamavu Agara, Horamavu Post,Bangalore-560043.

Pre-Measurements Taken On:- 18/01/2023

S.No	Description of work	Unit	No.	Measurements L	B	D	Qty	Remarks
12	Earth Work in surface Excavation by mechanical means for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications including setting out,shoring strutting barricading caution lights removal of stumps and other deleterious matter inluding dressing of excavated surfaces disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radious of 50 m and lift up to 1.5 m including cost of labour,tools & other appurtenaces required to complete the work.							
	CC Road:- R/Side	Cum	1	15.60	10.60	0.30	49.61	
			1	3.60	1.30	0.30	1.40	
			1	14.30	(4.50+4.40)	0.30	19.09	
					2			
			1	8.10	(4.30+4.10)	0.30	10.21	
					2			
			1	10.00	(6.20+5.60)	0.30	17.70	
					2			
	Front		1	14.30	15.10	0.25	53.98	
	L/Side		1	15.60	10.60	0.30	49.61	
			1	3.70	0.50	0.30	0.56	
			1	14.60	(3.80+4.10)	0.30	17.30	
					2			
			1	8.30	2.70	0.30		
			1	2.20	0.65	0.30		
			1	8.80	(0.95+1.25)	0.30	2.90	
					2			
	Hanumappa Layout Cross Road		1	15.00	2.00	0.20	6.00	
							235.51	
	(-)Deductions for Columns		2	0.50	0.50	0.30	0.15	
							0.15	
							235.36	

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿ
ಯಲಹಂಕ ಉಪನಗರ ಉ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು